

ABSTRACT

The object of the invention is to provide a method, a program and a device that can set accurately and easily the origin of the coordinate system of a workpiece based on the result obtained by a surface texture measuring machine scanning over a feature area on the surface of the workpiece. The device comprises a data inputter for inputting data obtained by scanning a feature area including at least a feature point area and a non-feature point area of the surface of a workpiece, a feature point selector for extracting the feature points of the data by statistically processing the data inputted into the data inputter and an origin setter for setting the origin of a workpiece coordinate system relative to an origin setting target point of the workpiece based on the coordinate values of the feature point obtained by the feature point selector.